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# UTILITY PATENT APPLICATION TRANSMITTAL

(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
464.1009 CON2

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**
**Box Patent Application  
Washington, D.C. 20231**

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**SYSTEM AND METHOD FOR PROGRAMMABLE PATTERN GENERATION**

and invented by:

**Michael SEUL and Chiu Wo CHAU**If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

This application is a continuation of U.S. Serial No. 09/397,793, filed September 19, 1999, which is a continuation-in-part application of U.S. Serial No. 09/171,550, filed October 26, 1998, corresponding to PCT International Application No. PCT/US97/08159, filed April 24, 1997, which in turn is based on U.S. Provisional Application No. 60/016,642, filed April 25, 1996. Applicants hereby claim priority of these prior applications pursuant to 35 U.S.C. §§ 119 and 120, and hereby incorporate by reference the entire disclosure of these prior applications.

Enclosed are:

**Application Elements**

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 76 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (*if applicable*)
  - c.  Statement Regarding Federally-sponsored Research/Development (*if applicable*)
  - d.  Reference to Microfiche Appendix (*if applicable*)
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

EXPRESS MAIL CERTIFICATE  
Date January 24 2001  
Label No. ET 025778564 US

I hereby certify that, on the date indicated above I deposited this paper or fee with the U.S. Postal Service and that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Julie Bowker Julie Bowker  
Name (Print) Signature

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**Application Elements (Continued)**

3.  Drawing(s) (*when necessary as prescribed by 35 USC 113*)  
a.  Formal      b.  Informal      Number of Sheets \_\_\_\_\_ 36
4.  Oath or Declaration
  - a.  Newly executed (*original or copy*)       Unexecuted
  - b.  Copy from a prior application (37 CFR 1.63(d)) (*for continuation/divisional application only*)
  - c.  With Power of Attorney       Without Power of Attorney
  - d.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference (*usable if Box 4b is checked*)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6.  Computer Program in Microfiche
7.  Genetic Sequence Submission (*if applicable, all must be included*)
  - a.  Paper Copy
  - b.  Computer Readable Copy
  - c.  Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. Assignment Papers (*cover sheet & documents*)
9.  37 CFR 3.73(b) Statement (*when there is an assignee*)
10.  English Translation Document (*if applicable*)
11.  Information Disclosure Statement/PTO-1449       Copies of IDS Citations
12.  Preliminary Amendment
13.  Acknowledgment postcard
14.  Certificate of Mailing  
 First Class     Express Mail (*Specify Label No.*): ET 025778564 US

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**Accompanying Application Parts (Continued)**

15.  Certified Copy of Priority Document(s) (*if foreign priority is claimed*)
16.  Small Entity Statement(s) - Specify Number of Statements Submitted: \_\_\_\_\_
17.  Additional Enclosures (*please identify below*):

**Revocation of Powers of Attorney & Appointment of New Power of Attorney**

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

*An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.*

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**Small Entity Status:**

Applicants state that this application is entitled to a small entity status and, further to new rule 37 CFR 1.27, request that such status be accorded.

**Fee Calculation and Transmittal**

**CLAIMS AS FILED**

For	#Filed	#Allowed	#Extra	Rate	Fee
<b>Total Claims</b>	14	- 20 =	0	x \$9.00	\$0.00
<b>Indep. Claims</b>	4	- 3 =	1	x \$40.00	\$40.00
<b>Multiple Dependent Claims (check if applicable)</b>		<input type="checkbox"/>			\$0.00
				<b>BASIC FEE</b>	\$355.00
<b>OTHER FEE (specify purpose)</b>					\$0.00
				<b>TOTAL FILING FEE</b>	\$395.00

- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1570 as described below. A duplicate copy of this sheet is enclosed.
- Charge the amount of \$395.00 as filing fee.
  - Credit any overpayment.
  - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: January 24, 2001

Julie Bowker RegNo. 37,870  
Signature

Julie Bowker  
1501 Broadway, Suite 1603  
New York, NY 10036

cc:

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